| POSITION                  | .ALS | ID NO. | DATE                 |  |  |  |  |
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| FEE DETERMINATION         |      |        |                      |  |  |  |  |
| O.I.P.E. CLASSIFIER       | M    |        | 10-21-01             |  |  |  |  |
| FORMALITY REVIEW          | AC   | TC 900 | //- 20-00            |  |  |  |  |
| RESPONSE FORMALITY REVIEW | HA   | 853    | 11-20-00<br>04-06-01 |  |  |  |  |

## **INDEX OF CLAIMS**

| ✓ Rejected                                     | N Non-elected  |
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| = Allowed                                      | I Interference |
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|            | П             | aug /  | 04   | 4             |          |          |                 |          |                 | 1            | Ē  |          |               |               |          |          |          |          | ΙÌ         |     | T              | - T  | T             | T            | Γ             | ,              |          | 1    | 1                 |   |
| i          | ᡖ             | Original   | (6)  | 14            |          |          |                 | 1        | 1               | 100          | Original                                     |          | İ             |               |          |          |          |          |            |     | Final          | 등  | 1             |              | 1             |                |          | . }  | - 1               | 1                                       |
|            | Final         | ā/   | - I Z  | 4             |          |          |                 | -        |                 | Ü            | ŏ  |          |               |               |          |          |          |          | Ì          | - 1 | 듄              | อีโ  |               |              |               |                |          | Ì    | 1                 |   |
|            | -             | 77   |  | 1             |          |          |                 | Т        | $\top$          |              | 51   |          | $\neg$        |               |          |          |          |          | П          |     | $\neg$         | 101  | Т             | Т            | $\top$        |                |          |      | -1                |   |
|            | J             | N/   |  | Ħ             | +        | $\vdash$ | T               | 7        | 1               |              | 52   |          |               | 1             |          | $\neg$   | 1        | T        | П          | - 1 |                | 102  | +             | +            | 1             |                |          | -1   |                   |   |
|            | H             | 3/   | 47   | 7             | $\dashv$ | $\vdash$ | $\vdash$        | +        | $\dashv \dashv$ |              | 53   | $\Box$   | 十             | T             |          | $\neg$   | $\top$   | Ť        | $\vdash$ 1 | ı   |                | 103  | +             | +            | +-            | -              | $\vdash$ | -    |                   |   |
|            | ⊣;            | 41   | 1/   | _             | +        | ╁─       | $\vdash$        |          | $\dashv$        | $\vdash$     | 54   | $\vdash$ |               |               | $\vdash$ |          | +-       | ╁        | Н          | ŀ   |                | 104  | +             | +            | ┼             | $\vdash$       |          | {    | {                 |   |
|            | H             | 5  |  | 4             | +        | -        | $\vdash$        | +        | +               | -            | 55   | $\dashv$ | +             | ╁             | $\vdash$ |          | +-       | ╁        | Н          | ŀ   |                | 105  | ╁             | ╁            | ┼             | -              |          |      |                   |   |
|            | 0             | 6 1  | 17   | V             |          | $\vdash$ | $\vdash$        |          | +               | -            | 56   | -+       | +             | ╁             | $\vdash$ | $\dashv$ | +        | ╫        | $\vdash$   | ł   | 1              | 106  | +             | +            | ╀             | -              |          | -    |                   | ļ                                       |
|            | $\vdash$      |  | -  | <b>V</b>      | +        | -        | $\vdash$        | $\dashv$ | $\dashv$        | _            | 57   | $\vdash$ |               | +             | $\vdash$ | -        |          | ┽        | ╂─┤        | ł   | 1              | 107  | +             | +            | ╀             | ├-             |          |      |                   |   |
|            | $\sqcup$      | 7 0  |  | 1             | 4-       | 1        | $\vdash$        | +        | +i              | _            | 58   | $\vdash$ | +             | +             | $\vdash$ | +        | +        | ┿        | ╀┤         | -   |                | 108  | - -           | +            | ┼             |                |          |      | 4                 | <del>_</del>                            |
|            | Ц             | 8 1  |  | 1             |          | ļ        | $\vdash$        | 4        | -               | _            |  | H        | -             | ┼             |          |          |          | - -      | Н          | }   | -              |  | - -           | - -          | +-            | <del> </del> - |          |      |                   | _{                                      |
|            |               | <b>⋑</b> ^   | 7  | 1             |          | _        | $\sqcup$        | 4        | $\perp$         | <u> </u>     | 59   | Щ        |               | +             | $\sqcup$ |          | 4        | $\bot$   | Н          |     |                | 109  | 4             | _            | 1_            | L              |          |      | 4                 |   |
|            |               | 10   |  | 7             |          |          | Ш               | _ _      | $\perp$         | ⊢            | 60   | Щ        |               | $\perp$       | $\sqcup$ |          | 4        |          | Ш          |     |                | 110  | 4.            | 1            | $\bot$        | <u> </u>       |          | _    |                   | 1                                       |
|            |               |  | $\langle \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | 7             | i        |          | Ш               |          |                 | L            | 61   | Ц        |               | $\bot$        |          |          | _        | ┸        | Ш          |     | _              | 111  | $\perp$       | $\perp$      | ┸             | L.             | Ш        |      | -1                |   |
|            | $\Box$        | 12   | 17   | 1             |          |          |                 | $\perp$  |                 | Ĺ            | 62   |          |               | $\perp$       | Ш        | $\perp$  | $\perp$  |          | Ш          | [   |                | 112  |               | $\perp$      | L             | L              | $\Box$   |      | _]                | 1                                       |
|            | $\sqcap$      | 13   |  | 1             | $\top$   |          | П               | T        |                 |              | 63   | U        | $\bot \Gamma$ | $\perp$       | $\Box$   | $\Box$   | ⊥        | $\perp$  | $\Box$     | Į   |                | 113  |               |              |               |                |          |      | [                 |   |
|            | $\sqcap$      | 14 0   |  | 1             |          | Т        |                 | T        | $\top$          |              | 64   | П        |               | Π             |          |          |          | $\Gamma$ | П          | ľ   | T              | 114  | T             |              | $\prod$       |                |          | J    | J                 |   |
|            | -             | 15   |  | 1             | $\neg$   | $\top$   |                 | $\top$   | $\top$          |              | 65   | П        |               | T             | П        |          | 1        | T        | П          | Ī   | 1              | 115  | T             |              | Π             |                |          |      |                   |   |
|            |               | 16 1   |  | 1             |          | 1        | $\vdash$        | $\top$   | $\dashv \dashv$ |              | 66   | $\sqcap$ | $\neg$        |               | $\Box$   | T        |          | $\top$   | П          | Ì   | 1              | 116  | $\top$        | Τ            | Т             | П              |          | _    |                   |   |
|            | 1             |  |  | 7             | $\dashv$ | $\vdash$ | $\vdash$        | -+       | +               | $\vdash$     | 67   | H        | +             | 1-            | Н        | $\dashv$ | +        | +-       | Н          | ŀ   |                | 117  | 1             | 1            |               |                |          | ┪    |                   |   |
|            | _             | 18   | -  | 7             | +        | ╁─       | $\vdash$        | +        |                 | -            | 68   | H        | +             | +             | H        | -+       | +        | +        | 1          | ŀ   |                | 118  | +             | ╅            | 1             |                |          | 7    | _                 | _                                       |
|            | $\rightarrow$ | _  | //   | $\overline{}$ | ┵        | ╁        | $\vdash$        |          |                 | _ <b>⊢</b>   | 69   | $\vdash$ | +             | <del></del> - | $\vdash$ | +        | +        | t        | $\vdash$   | 1   |                | 119  | +             | +-           | +             | $\vdash$       |          | -    |                   | -                                       |
|            | $\vdash$      | 10 !   |  | 7             | -        |          | $\vdash \vdash$ | +        |                 | _ <b> </b> _ |  |          | +             |               | Н        |          | +        | ┿        | ╁╌┤        | -   |                | 20   | +             | ╁            | ╁╌            | Н              | -        | -    | -                 | +                                       |
|            | L;            | 20   |  | 1             |          |          |                 | ┙        |                 | L            | 70   |          |               |               | $\Box$   | _        |          | ╄        | Ш          |     | _              |  | 4             | -            | -             | -              | -        |      |                   |   |
|            |               | 21 9   | 7  | 1             |          |          | []_             |          |                 | L            | 71   |          |               |               |          | L        |          | _        | Ш          | ļ   |                | 121  | 4             | 4            | ↓_            | L.,            | _        |      |                   |   |
|            | П             | 22 V   | 7  | 7             |          |          |                 | П        |                 |              | 72   |          |               |               | $\sqcup$ |          | $\perp$  |          | Ш          | 1   |                | 22   | $\perp$       | 4_           | 1_            | _              |          | -    |                   |   |
| . 1        | П             | 23   | 7  | 1             | 7        |          |                 |          | $\sqcap$        |              | 73   |          |               | T             |          |          |          | 1        | Ш          | 1   |                | 123  | _             | 1_           | <u> </u>      |                |          |      | _                 |   |
|            | 口             | 24   | T.   | Z             |          | $\top$   |                 | 1        | 7               |              | 74   | П        |               | T             | П        |          |          | Г        |            | - 1 |                | 124  | ┸             |              | 1_            |                |          | _    | _                 |   |
| <b>X</b> Z |               | 25   | Ţ.,  |               |          | $\top$   |                 |          | $\dashv \lnot$  |              | 75   | П        | T             | T             | П        |          | ╗        | Т        |            | Į   |                | 25   | $\perp$       |              | _             |                |          | _    | _                 |   |
|            |               | 25<br>26   | +  |               |          | +        | 1               | +        | +1              |              | 76   |          |               |               |          |          | $\neg$   | T        |            |     | h              | 26   |               |              | L             |                |          | _1   | _!                |   |
|            |               | 27   | +-   | $\vdash$      | +-       | +-       |                 | ╅        |                 | _  -         | 77   | $\vdash$ | $\dashv$      | +             | Ħ        | $\dashv$ | $\top$   | T        |            | Ī   | -              | 27   | T             | T            | Г             |                |          |      | 1                 | 1                                       |
| ,          | 1             | 28   | +  | $\dashv$      | -+-      | +        | $\vdash$        | +        | +               | $\vdash$     | 78   | -        | -             | +             | $\vdash$ | -+       | _        | +-       | $\vdash$   | İ   | - 1            | 28   | 1             | 1            | Γ             |                |          | 3    | - }               | ,                                       |
| Ţ          |               | 29   | -  | -             |          | ╁┈       | ╁┼              | +        | +               | -            | 79   | ┝        | +             |               | $\vdash$ |          | - -      | +        | $\vdash$   | İ   | -              | 29   | 1-            | 1            | 1             | 1              |          |      |                   |   |
| ,          |               |  | +  | $\vdash$      |          | ┼        | $\vdash$        |          | $\dashv$        | -            | 80   |          |               | +-            | $\vdash$ | -+       | +-       | +        | Н          | ı   | <del>[</del> 1 | 30   | +             | 1            | 1             |                |          |      | ب                 |   |
| Ļ          |               | 30   | 1  | _             |          | $\vdash$ | $\sqcup$        | 4        | 41              | <u> </u>     |  | $\vdash$ |               | +             | $\vdash$ |          | +        | ╁        | Н          | 1   |                | 31   | +             | 1            | 1-            | ;              | -        |      |                   |   |
|            | _             | <i>;</i> 81  | ┸  |               |          | ↓        | $\sqcup$        | _        | $\perp \perp$   | L            | 81   |          | - -           | +-            | -        | -        | +        | +-       | $\vdash$   | 1   |                | 32   | +             | ÷            | <del></del> - | •              |          |      |                   |   |
|            | 1             | 32   |  |               |          |          |                 | $\perp$  | $\perp$         |              | 82   | Ш        |               | 4-            | $\vdash$ |          |          | +-       | $\vdash$   | 1   |                | 33   |               |              | <del>-</del>  | <del>-</del>   |          |      | •                 |   |
|            |               | 33   |  |               |          |          |                 |          |                 | L            | 83   |          |               | <b>-</b>      | $\sqcup$ |          |          | +        |            | ļ   |                | 134  |               | -:-          | <del></del>   | <del>-</del>   |          |      |                   | • • •                                   |
|            |               | 34   |  |               |          |          |                 | $\prod$  |                 |              | 84   | Ш        | L             | 1_            | $\sqcup$ |          | <u> </u> | -        | $\sqcup$   | ļ   |                |  |               |              | ·             | <u>-</u>       |          | å    | <b>•</b>          |   |
|            | П             | 35   |  |               | $\neg$   | Π        |                 |          | $\Box\Box$      |              | 85   | $\Box$   |               | $\perp$       | Ш        |          | ┵        | _        | $\sqcup$   | ļ   |                | 36   | <del></del> - | <del>-</del> | <u> </u>      | •              |          |      |                   |   |
|            | П             | 36   | $\top$   |               |          | T        |                 | $\neg$   | $\neg \neg$     |              | 86   |          | $\Box$        |               |          | 丄        | $\perp$  | 1_       | $\sqcup$   |     |                |  |               | i            | <u>:-</u>     | <del></del> -  |          |      |                   |   |
|            |               |  | +  |               | $\neg$   | T        |                 | _        | 1-1             |              | 87   |          | Т             |               |          | I        |          | 1_       |            | :   |                | 37   | -÷-           | <u></u>      | <u>:</u>      |                |          |      |                   |   |
|            |               | 37   | 1  |               |          |          |                 |          |                 | ⊢            | -  |          | +             |               |          |          | -        | T        | 1 -        | ĺ   |                | 38   |               |              |               | ·              |          |      | •                 |   |
|            |               |  | -  |               |          |          |                 | +        | .   -           | - 1          | 88   | 1 1      | 1             | i             | ] 1      | i        | - 1      | •        | 1          |     |                |  |               |              |               |                |          |      |                   |   |
|            |               | 38   |  |               | -        | F        |                 | +        |                 |              |  | Н        | +             | $\dotplus$    | H        | +        | +        | +        | !          |     |                | 39   |               |              | 4             |                |          |      |                   |   |
|            |               | 38<br>39   |  |               |          |          |                 |          |                 | -            | 89   |          | $\downarrow$  | +             |          | +        | +        | +        |            |     |                | 39   | <del></del>   |              | -4            |                |          | ·· • |                   |   |
|            |               | 38<br>39<br>40   |  |               |          |          |                 |          |                 |              | 89<br>90                                     |          |               |               |          |          | +        | #        |            |     | 1              |  |               |              | -4<br>        |                |          | •    |                   |   |
|            |               | 38<br>39<br>40<br>41                                     |  |               |          |          |                 |          |                 |              | 89<br>90<br>91                               |          |               |               |          |          |          | -        |            |     | -              | 141  |               |              | ·             |                |          |      | · ·               | ,                                       |
|            |               | 38<br>39<br>40<br>41<br>42                               |  |               |          |          |                 |          |                 |              | 90<br>91<br>92                               |          |               |               |          |          |          | ‡<br>    |            |     |                | 141  |               |              |               |                |          |      | . ,<br>. ,<br>. , |   |
|            |               | 38<br>39<br>40<br>41                                     |  |               |          |          |                 |          |                 |              | 90<br>91<br>92<br>93                         |          |               |               |          |          |          |          |            |     |                | 141<br>142<br>143                                    |               |              |               |                |          |      |                   | 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 . |
| ì          |               | 38<br>39<br>40<br>41<br>42                               |  |               |          |          |                 |          |                 |              | 90<br>91<br>92<br>93<br>94                   |          |               |               |          |          |          |          |            |     |                | 141<br>142<br>143                                    |               |              |               |                |          |      |                   | 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - |
| i          |               | 38<br>39<br>40<br>41<br>42<br>43                         |  |               |          |          |                 |          |                 |              | 90<br>91<br>92<br>93                         |          |               |               |          |          |          |          |            |     |                | 140<br>141<br>142<br>143<br>144                      |               |              |               |                |          |      |                   | 4 · · · · · · · · · · · · · · · · · · · |
|            |               | 38<br>39<br>40<br>41<br>42<br>43<br>44<br>45             |  |               |          |          |                 |          |                 |              | 90<br>91<br>92<br>93<br>94                   |          |               |               |          |          |          |          |            |     |                | 140<br>141<br>142<br>143<br>144<br>145               |               |              |               |                |          |      |                   | #                                       |
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If more than 150 claims or 10 actions staple additional sheet here